

CONFIDENTIAL
FOREIGN BROADCAST INFORMATION SERVICE

P. O. Box 2604
Washington, D. C. 20013

MBQ-6000
7 January 1986

MEMORANDUM FOR: Chief, London Bureau, FBIS
Chief, Panama Bureau, FBIS

FROM:
Acting Chief, Operations Group

25X1

SUBJECT: Internet Planning

REFERENCE: FBIS 20957, Internet Activation Planning, dtd 27 Dec 85

Bob and Don:

1. As you no doubt will have surmised from ref, active planning is underway in Headquarters to ensure that everyone will be ready for Internet coming on line 31 October 1986 (with system testing scheduled to begin 1 October 1986). As we get further into planning, we are discovering there are many details to be worked out, which is why we are tasking you now with drawing up activation plans and concept papers for your bureaus. The enclosed is an assortment of papers we have collected to give you some insight into our thinking back here.

a. The first paper is the Headquarters Activation Plan for Internet Phase I listing key planning elements, major milestones, and target dates for these milestones. To assist you in "translating" this, we have attached the original memo from Director, FBIS tasking us with drawing up an activation plan, as well as the Ops and ESG working papers out of which the activation plan evolved. As you go over these papers you will see that our thinking on Internet Phase I is still in the evolutionary phase. Among basics that will not change is the decision that Internet is under the management of Chief, Operations Group with Chief, ESG responsible for technical and contracting support. Initially we will have two project officers, one from Ops and one from ESG, heading a task force to carry out day-to-day implementation of the activation plan. They will eventually be replaced by an Internet Control Center Staff (one GS-15 Chief and four senior Control Center operations officers) who will report directly to the Office of Chief, Operations Group. The ground station sites at Quantico, Madley, and Panama will be staffed by contractors, who will provide basic Operations and Maintenance Support. Contractors will also man the Network Control which will take orders directly from the Internet Control Center Staff on activating the send and receive sides of the transponder for TV, FAX, and audio transmissions. These orders will be given after daily coordination

25X1

CONFIDENTIAL

CONFIDENTIAL

with bureaus on coverage and transmission plans. In addition to each bureau and the Langley TVRO having a daily routine coverage schedule for TV and FAX, we envisage situations where special consumer requests, crisis coverage, or other major events will require reallocation of transponder time. Unknowns still to be determined are bureau plans for staffing to handle Internet Phase I, Internet hours of operation (Headquarters planning on 24-hour operation for Internet Control Center), coverage configuration (daily assigned coverage, crisis coverage, backstop plans, etc.), coordination SOP, extent of available coverage when Internet comes on line, and other operational issues which must be addressed in your Operational Concept Papers.

b. The second enclosure is the original Internet Concept Paper prepared by MOD. It is basically a working paper for FBIS management to use in budgetary and other briefings for higher authorities and not really a "concept of operations" as such. The Headquarters Operations Concept Paper currently being drafted here will be far more specific in addressing such issues as staffing, procedures, hours, coverage, etc., and we expect your bureau concept papers to do the same. We have noted on the 1 October 1985 paper areas where there have been changes or on which there is still some question. One major area still to be determined is whether Internet Phase I capability will be used as a primary communications circuit to replace Autodin for sending message traffic. Current thinking is that we will plan to do this approximately six months after Internet has been on line, but not do it immediately because of the numerous interfaces required with both the Autodin network and MIDAS. Conceivably, it will be postponed until the new unclassified automated FBIS system (AFS) is operational in Headquarters. Planning under this latter scenario would begin approximately August 1986.

c. The remaining material is information gathered by FED/ESC addressing your space requirements for Internet Phase I as well as the technical aspects of Internet. The main thing you must take into account in your planning is the limited capability of the transponder. In simple terms, only one bureau at a time will be able to send or receive TV signals via the transponder. The same applies to wide-band FAX (which you will use mainly for sending newspapers). For bureaus to use these capabilities they must first coordinate with the Internet Control Center duty officer, who will in turn direct the Network Control duty officer at Quantico to prepare the transponder. This will require active, dynamic coordination by well-informed--both substantively and technically--duty officers in the field. The audio channels (each bureau will have three, and the Internet Control Center six), which bureaus can use for sending/receiving voice, RTTY, and narrow-band FAX, are not so limited. For example, each audio band can carry up to 24 RTTY transmissions once multiplexers are installed. You will also have a two-way voice order wire for

CONFIDENTIAL

~~CONFIDENTIAL~~

communications with each other and with the Internet Control Center Staff.

2. With this information in hand and with information you glean during the upcoming site survey TDY, we trust you will have adequate information to begin your planning and to draft your concept papers. You are encouraged to keep us advised as your planning proceeds and to ask questions as they arise. We expect you to advise us as you draft your papers of policy decisions you reach on staffing, hours of operation, coverage proposals, etc. The more you keep us advised the closer Headquarters and bureau planning will be, thus reducing the danger of major differences of opinion occurring in our planning and concept of Internet Phase I. Likewise, we'll keep you informed of any decisions reached here that are likely to affect bureau planning. All questions should go through the Office of Chief, Operations Group so we can maintain overall operational management of your planning. Technical questions will be passed on to FED/ESG. If there are problems with BTI and Intercomsa installation work on the ground stations or technical requirements being laid on your bureaus, these will have to be dealt with back here by the ESG contracting officer, who is the only officer with the legal contracting authority to institute requests for changes in the BTI and Intercomsa contracts for installation of the ground stations.

3. One final thought on Internet planning. Actual coverage is a major issue to be resolved. MOD is tasked with coming up with preliminary proposals by mid-February and will be seeking information from both of you on your coverage. We will also be conducting consumer surveys here to determine how we can use Internet capabilities to best meet the needs of both internal and external consumers. In the interim, bureau proposals, taking into consideration the limitations of the transponder as well as the different operating hours of the two bureaus and the flexibility provided by the Langley TVRO for Moscow TV, will assist us in drafting our proposals. We are also interested in London determining whether there are additional signals available at Madley which BTI could make available to us. We are aware this could be a very expensive proposition requiring contracts with the originators of the signals and that BTI may not be in a position, owing to copyright and other restrictions, to make these signals available to us. We still believe, however, it is worthwhile looking into on the off chance we can use Internet for material not now available at London, Panama or Langley. There is particular interest in Indian Ocean and West Europe satellite transmissions. Happy planning.

25X1

Enclosures

~~CONFIDENTIAL~~

CONFIDENTIAL

FBIS/Ops, (7Jan86)

25X1

Distribution:

- Orig - C/LD, w/encs
- 1 - C/PA, w/encs
- 1 - C/FSB, w/o encs
- 1 - C/MOD, w/o encs
- 1 - SA/Ops, w/encs
- 2 - AC/Ops, w/o encs
- 4 - MHQ file, w/o encs

CONFIDENTIAL